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(071800.0130)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bernegger-Egli et al.  
Serial No. : 09/743,391 Examiner: To Be Assigned  
Filed : April 17, 2001 Group Art Unit: 1614  
For : METHOD FOR PRODUCING (1r, 4s)-2-azabicyclo[2.2.1]-hept-5-en-3-on DERIVATIVES

INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents, Washington, D.C. 20231

September 9, 2002

Date of Deposit

Carmella L. Stephens

Agents Name

41,328

PTO Registration No.

Carmella L. Stephens

Signature

September 9, 2002

Date of Signature

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. ' 1.56, Applicants respectfully request that the references relating to the above-mentioned application listed herein in reverse chronological order be made of record in the U.S. Patent and Trademark Office.

1. U.S. Patent 5,688,933.

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2. WO 99/10519.
3. WO 98/10075.
4. Campbell et al., "Chirospecific Syntheses of Precursors of Cyclopentane and Cyclopentene Carbocyclic Nucleosides by [3+3]-Coupling and Transannular Alkylation", J. Org. Chem. 1995, 60:4602-4616.
5. Katagiri et al., "A Highly Efficient Synthesis of the Antiviral Agent (+)-Cyclaradine Involving the Regioselective Cleavage of Epoxide by Neighboring Participation", Tetrahedron Letters 1997 38:1961.
6. Taylor et al., "Development of the Biocatalytic Resolution of 2-azabicyclo[2.2.1]hept-5-en-3-one as an entry to Single-Enantiomer Carbocyclic Nucleosides", 1993 Tet. Asymmetry 4:1117.
7. Csuk et al., "Biocatalytical Transformations. IV. Enantioselective Enzymatic Hydrolyses of Building Blocks for the Synthesis of Carbocyclic Nucleosides", Tetrahedon: Asymmetry, 1994 5:269-76.
8. Evans et al., "Potential Use of Carbocyclic Nucleosides for the Treatment of AIDS: Chemo-enzymatic Syntheses of the Enantiomers of Carbovir", J. Chem. Soc. Perkin Trans. 1 1992, 5:589-592.
9. Brabban, J., "Stereospecific (-lactamase activity in a *Pseudomonas fluorescens* species", Industrial Microbiol. 1996 16:8-14.

The referenced citations are listed in the accompanying PTO Form 1449 and copies of the references are provided.

Identification of the above-listed references is not to be construed as an admission of the Applicants or the attorneys of the Applicants that such references are available as "prior art" against the subject application.

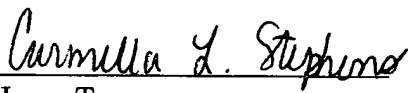
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Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the above-mentioned application.

Please charge our Deposit Account No. 02-4377 for the fee for submitting this Information Disclosure Statement, as well as any additional fee required. Two copies of this sheet are enclosed.

Respectfully submitted,

  
Henry Tang  
Patent Office Reg. No. 29,705  
Attorney for Applicants  
Carmella L. Stephens  
PTO Reg. No. 41,328  
Agent for Applicants  
(212) 408-2539

Enclosures (PTO Form 1449; References)

Atty. Docket No.  
A33847-PCT-USA  
(071800.0130)

Serial No.  
09/743,391

**INFORMATION DISCLOSURE STATEMENT  
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Applicant  
Bernegger-Egli et al.

Filing Date  
April 17, 2001

Group  
1614

**U.S. PATENT DOCUMENTS**

| *Exam.<br>Init. | Document No. |   |   |   |   |   |   |  | Date     | Name         | Class | Subclass | Filing Date<br>if Appropriate |
|-----------------|--------------|---|---|---|---|---|---|--|----------|--------------|-------|----------|-------------------------------|
|                 | 5            | 6 | 8 | 8 | 9 | 3 | 3 |  | 11/18/97 | Evans et al. | 536   | 22.1     |                               |
|                 |              |   |   |   |   |   |   |  |          |              |       |          |                               |
|                 |              |   |   |   |   |   |   |  |          |              |       |          |                               |

**FOREIGN PATENT DOCUMENT**

| Document No. |   |   |   |   |   |   |  | Date | Country | Class | SubClass | Translation<br>Yes No |  |
|--------------|---|---|---|---|---|---|--|------|---------|-------|----------|-----------------------|--|
| 9            | 9 | 1 | 0 | 5 | 1 | 9 |  |      | WIPO    |       |          |                       |  |
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|              |   |   |   |   |   |   |  |      |         |       |          |                       |  |

**OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)**

|  |  |   |
|--|--|---|
|  |  | Campbell et al., "Chirospecific Syntheses of Precursors of Cyclopentane and Cyclopentene Carbocyclic Nucleosides by [3+3]-Coupling and Transannular Alkylation", J. Org. Chem. 1995, 60:4602-4616.      |
|  |  | Katagiri et al., "A Highly Efficient Synthesis of the Antiviral Agent (+)-Cyclaradine Involving the Regioselective Cleavage of Epoxide by Neighboring Participation", Tetrahedron Letters 1997 38:1961. |
|  |  | Taylor et al., "Development of the Biocatalytic Resolution of 2-azabicyclo[2.2.1]hept-5-en-3-one as an entry to Single-Enantiomer Carbocyclic Nucleosides", 1993 Tet. Asymmetry 4:1117.                 |
|  |  | Csuk et al., "Biocatalytical Transformations. IV. Enantioselective Enzymatic Hydrolyses of Building Blocks for the Synthesis of Carbocyclic Nucleosides", Tetrahedron: Asymmetry, 1994 5:269-76.        |
|  |  | Evans et al., "Potential Use of Carbocyclic Nucleosides for the Treatment of AIDS: Chemo-enzymatic Syntheses of the Enantiomers of Carbovir", J. Chem. Soc. Perkin Trans. 1 1992, 5:589-592.            |
|  |  | Brabban, J., "Stereospecific (-lactamase activity in a <i>Pseudomonas fluorescens</i> species", Industrial Microbiol. 1996 16:8-14.   |

NY02:353917.1 Examiner

Date Considered

\* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.